

# UF260

## Front suspension package Ensemble pour suspension avant Ensemble para suspensión de delantero

### INSTALLATION INSTRUCTIONS

- Insert bolt #2 into countersunk hole of Timbren top plate #3 and tack weld into place.
- Assemble frame bracket by welding items #1 & #3 together keeping in mind the following:
  - Plate #3 should be positioned under bracket #1 to allow the Aeon spring to rest centered over the leaf spring (either in front or behind axle pad - see Diagram)
  - Bracket #1 will be bolted to the frame using existing holes where possible making sure that the distance from the bottom of plate #3 to the top of leaf spring is 7 inches. Adjust accordingly with the use of spacers. (see Diagram B).
- With vehicle unloaded, mount bracket to frame using at least three ½" Gr.8 bolts.
- Raise vehicle to install remainder of Timbren assembly.

### SAFETY CAUTIONS

Always refer to and follow the vehicle manufacturer's guidelines when welding or drilling during installation of this kit.

Do not exceed vehicle manufacturer's recommended axle weight rating. Check for AEON® interference with vehicle components - Under load AEON® will "expand" in diameter.

### INSTRUCTIONS DE MONTAGE

- Mettre le boulon no 1 dans la fraisure de la plaque supérieure Timbren no 3 et la soudeure de pointage en place.
- Assembler le support du cadre en soudant les articles nos.1 et 3 ensemble en notant bien les éléments suivants :
  - la plaque no.3 doit être placée sous le support no.1 pour permettre au ressort Aeon de demeurer au centre du ressort à lames (soit devant ou soit derrière le coussin de l'essieu - voir le schéma);
  - le support no1 sera fixé à l'aide de boulons au cadre en utilisant les trous existants, lorsque possible, pour s'assurer que la distance entre la partie inférieure de la plaque no 3 et la partie supérieure du ressort à lames est de 7 po. Ajuster en conséquence avec des blocs entretoises (voir le schéma B).
- Monter le support sur le cadre à l'aide d'au moins trois boulons de ½ po Gr.8 pour les véhicules à vide.
- Soulever le véhicule pour y installer le reste de l'assemblage Timbren.

### MESURES DE SÉCURITÉ

Se référer aux directives du fabricant et les suivre en tout temps lors du soudage ou du perçage en ce qui concerne l'installation du présent ensemble.

Ne pas dépasser le poids nominal sur l'essieu recommandé par le fabricant du véhicule. Vérifier que le ressort AEON® n'a pas d'incidence sur d'autres pièces du véhicule - Le ressort AEON® augmentera son diamètre avec la charge.

### INSTRUCCIONES DE INSTALACIÓN

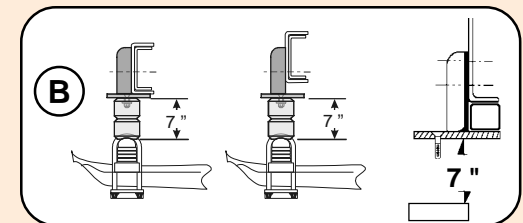
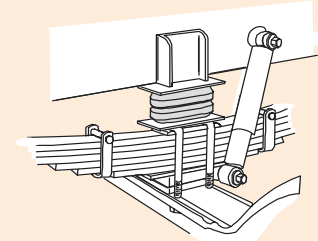
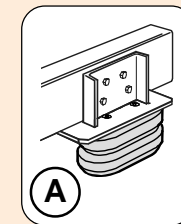
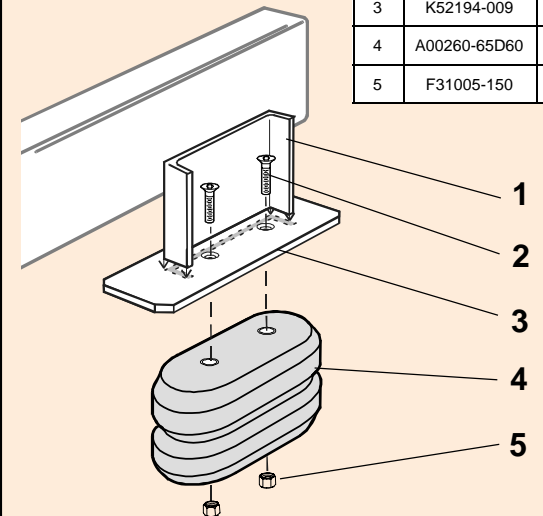
- Inserte el perno #1 en el orificio avellanado de la placa superior Timbren #3 y suelde por puntos en el sitio.
- Ensamble la abrazadera del chasis soldando los ítems #1 & #3 entre sí, teniendo en cuenta lo siguiente:
  - La placa #3 debe colocarse en posición debajo de la placa #1 para permitir que el resorte Aeon descansa sobre el centro del resorte de ballesta (sea adelante o atrás del cojín amortiguador del eje - vea Diagrama)
  - La abrazadera #1 será atornillada al chasis utilizando los orificios existentes donde sea posible, asegurándose que la distancia desde la parte inferior de la placa #3 hasta la parte superior del resorte de ballesta es 7 pulgadas. Ajuste de conformidad con pedazos de espacio.
- Con el vehículo descargado, monte la abrazadera al chasis utilizando al menos tres pernos de ½" Gr.8.
- Levante el vehículo para instalar el resto de la unidad Timbren.

### PRECAUCIONES DE SEGURIDAD

Siempre consulte y siga las instrucciones del fabricante del vehículo al soldar o perforar durante la instalación de este kit.

**Ref.** = Reference = No. de référence = Núm. de referencia  
**Part** = Part #. = No. de pièce = Núm. de pieza  
**Qty.** = Quantity = Quantité = Cantidad

Ref	Part	Qty
1	K51208-009	2
2	F12106-153	4
3	K52194-009	2
4	A00260-65D60	2
5	F31005-150	4



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TIMBREN INDUSTRIES INC.

[www.timbren.com](http://www.timbren.com)

PART NUMBER	DESCRIPTION	QTY	LOCATION
<b>F31005-150</b>	NYLOCK LOCKNUT 1/2 UNF GR 5 Z	<b>4</b>	<b>G1D</b>
<b>F12106-153</b>	FHSHC 1/2 x 2-1/2 UNF GR 5 B	<b>4</b>	<b>J2D</b>

<b>A00260-65D60</b>	Hollow Rubber Spring	<b>2</b>	<b>C17C</b>
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<b>K51208-009</b>	FORMED PLATE 3/8 x 7 x 11-3/4"	<b>2</b>	<b>E1D</b>
<b>K52194-009</b>	FLAT PLATE 3/8 x 6 x 12"	<b>2</b>	<b>E2D</b>

<b>B90224</b>	12 x 11 x 8-1/2" DW Carton	<b>1</b>	<b>A1A</b>
<b>B10100</b>	NEWSPRINT 18" ROLL	<b>1</b>	
<b>B00029-010</b>	BARCODE LABEL FOR KIT	<b>1</b>	

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### Clearance Instructions:

Rear SES Kits for Pick-Ups and Vans should have a 1/2" to 1-1/2" gap between the rubber spring and contact point when empty.

A partial load, or vehicle accessories will reduce or eliminate the gap.

Front SES kits are usually in full contact.

Medium and Heavy-Duty Trucks, Trailers and Motorhomes will be in constant contact, and have no gap.

### Lifetime Warranty:

Timbren SES Kits are warranted against defects in material and workmanship, under normal use and service, for the life of the vehicle on which the kit was originally installed. The warranty is not transferable and proof of purchase is required. The warranty is limited to the replacement of the failed part.

TIMBREN will not be responsible for any labour or freight charges involved in the replacement of any product. TIMBREN shall be entitled to make its own inspection to determine the validity of the claim. TIMBREN shall not be liable nor warranty the product in the event of alteration, misuse, overload, negligence or damage caused by others.

If ride or performance of our product is unsatisfactory in any way, please call: 1-800-263-3113 or email [sales@timbren.com](mailto:sales@timbren.com)